

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) ~~An information record medium, comprising:~~ A non-transitory computer-readable recording medium including a logical data structure, comprising:

a content space constructed logically, in which content space a plurality of content domains are recorded, each of which content domains is constructed from a series of content information ~~and which occupies one area in a recording area of said information record medium, each content domain being constructed from a series of content information;~~ and

a system space constructed logically, in which system space is recorded i) a plurality of menu domains, each of which menu domains is constructed from menu information as for the content information, the menu domains corresponding to the plurality of content domains ~~are recorded and which occupies a different area from said content space in the recording area, each menu domain being constructed from menu information as for the content information,~~ and ii) another menu domain ~~being recorded in said system space, in addition to the plurality of menu domains, the another menu domain being~~ which is constructed from menu information as for whole of the plurality of content

domains or as for whole of said ~~information record medium~~ non-transitory computer-readable recording medium.

2. (Currently amended) The non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, wherein a content domain for first play, which is reproduced in an initial stage of a reproduction operation, is further recorded in said system space.

3. (Currently amended) The non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, wherein the content information is multiplexed and recorded by a unit of packet, which is a physically accessible unit and by which a piece of the content information is individually stored, as the content domain.

4. (Currently amended) The non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, wherein the menu information as for the whole is constructed from information for commonly performing selection or setting regarding a plurality of video information or audio information, which constitutes the content information, on the whole of said information record medium.

5. (Currently amended) The non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, wherein the menu information as for the content information is constructed from information for performing selection or setting regarding a plurality of video information or audio information, which constitutes the content information, only with respect to the content information.

6. (Currently amended) The non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, wherein,

a plurality of titles recorded on said information record medium individually comprise one of the content domains and one of the menu domains, and

one of the plurality of titles comprises the another menu domain and a content domain for first play.

7. (Currently amended) An information record apparatus, comprising:

a first recording device for recording a plurality of content domains, each of which content domains is constructed from a series of content information, into ~~a content space which occupies one area in~~ a recording area of an information record medium, and constructing logically a content space including the

plurality of content domains; each content domain being constructed from a series of content information; and

a second recording device for recording a plurality of menu domains, each of which menu domains is constructed from menu information as for the content information, corresponding to the plurality of content domains, and another menu domain which is constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium into ~~a system space which occupies a different area from said content space in~~ the recording area, and constructing logically a system space including the plurality of content domains and the another menu domain. each menu domain being constructed from menu information as for the content information,

~~— said second recording device recording another menu domain into said system space, in addition to the plurality of menu domains, the another menu domain being constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium.~~

8. (Currently amended) An information record method in an information recording apparatus which comprises a first recording device and a second recording device, said method comprising:

a first recording process of said first recording device recording a plurality of content domains, each of which

content domains is constructed from a series of content information, ~~into a content space which occupies one area in a~~ recording area of an information record medium, and constructing logically a content space including the plurality of information; ~~each content domain being constructed from a series of content information~~ and

a second recording process of said second recording device recording i) a plurality of menu domains, each of which menu domains is constructed from menu information as for the content information, corresponding to the plurality of content domains, and ii) another menu domain which is constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium ~~into a system space which occupies a different area from said content space in the recording area,~~ and constructing logically a system space including the plurality of menu domains and the another menu domain. ~~each menu domain being constructed from menu information as for the content information,~~

~~—said second recording process recording another menu domain into said system space, in addition to the plurality of menu domains, the another menu domain being constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium.~~

9. (Currently amended) An information reproduction apparatus for reproducing information on said non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, said information reproduction apparatus comprising:

a reproducing device for reproducing the content domain from said content space and reproducing the plurality of menu domains or the another menu domain from said system space;

a setting device capable of externally setting a system parameter correspondingly to the reproduced plurality of menu domains or the reproduced another menu domain; and

a controlling device for controlling said reproducing device to reproduce the content domain, in accordance with the system parameter externally set by said setting device.

10. (Original) The information reproduction apparatus according to claim 9, wherein the system parameter includes: one or a plurality of first system parameters, which are set correspondingly to the plurality of menu domains; one or a plurality of second system parameters, which are set correspondingly to the another menu domain; and a third system parameter for indicating a content domain which is a setting object of the first system parameter.

11. (Original) The information reproduction apparatus according to claim 10, wherein the third system parameter indicates that the first system parameter is not set, by virtue of its particular value.

12. (currently amended) The information reproduction apparatus according to claim 10, wherein

the second system parameter ~~-includes-~~includes a resume flag for indicating whether or not the second system parameter is changed in the another menu domain if the reproduction of the content domain is restarted by resume reproduction, and

said controlling device controls said reproducing device to perform the resume reproduction of the content domain, on the basis of the resume flag.

13. (currently amended) The information reproduction apparatus according to claim 10, wherein

the system parameter further includes a fourth system parameter for indicating a content domain which is being currently reproduced by said reproducing device, and

said controlling device controls said reproducing device to reproduce the content domain on the basis of the first system parameter, if the content domain indicated by the third system parameter agrees with the content domain indicated by the fourth system parameter.

14. (Currently amended) An information reproduction method of reproducing information on said non-transitory computer-readable recording medium ~~information record medium~~ according to claim 1, in an information reproduction apparatus which comprises a reproducing device, a setting device and a controlling device, said information reproduction method comprising:

a reproducing process of said reproduction device reproducing the content domain from said content space and reproducing the plurality of menu domains or the another menu domain from said system space; and

a controlling process of said controlling device controlling said reproducing device ~~process~~ to reproduce the content domain, in accordance with a system parameter externally set by said setting device capable of externally setting the system parameter correspondingly to the reproduced plurality of menu domains or the reproduced another menu domain.

15. (Currently amended) An information record reproduction apparatus, comprising:

a first recording device for recording a plurality of content domains, each of which content domains is constructed from a series of content information, into a content space which occupies one area in a recording area of an information record



medium, and constructing logically a content space including the plurality of content domains; each content domain being constructed from a series of content information;

a second recording device for recording i) a plurality of menu domains, each of which menu domains is constructed from menu information as for the content information, corresponding to the plurality of content domains, and ii) another menu domain which is constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium into a system space which occupies a different area from said content space in the recording area, and constructing logically a system space including the plurality of menu domains and the another menu domain; each menu domain being constructed from menu information as for the content information;

~~said second recording device recording another menu domain into said system space, in addition to the plurality of menu domains, the another menu domain being constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium;~~

a reproducing device for reproducing the content domain from said content space and reproducing the plurality of menu domains or the another menu domain from said system space;

a setting device capable of externally setting a system parameter correspondingly to the reproduced plurality of menu domains or the reproduced another menu domain; and

a controlling device for controlling said reproducing device to reproduce the content domain, in accordance with the system parameter externally set by said setting device.

16. (Currently amended) An information record reproduction method in an information record reproduction apparatus which comprises a first recording device, a second recording device, a reproducing device, a setting device and a controlling device, said method comprising:

a first recording process of said first recording device recording a plurality of content domains, each of which content domains is constructed from a series of content information, into a content space which occupies one area in a recording area of an information record medium, and constructing logically a content space including the plurality of content domains; each content domain being constructed from a series of content information;

a second recording process of said second recording device recording i) a plurality of menu domains, each of which menu domains is constructed from menu information as for the content information, corresponding to the plurality of content domains, and ii) another menu domain which is constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium into a system space which occupies a different area from said content space in

the recording area, and constructing logically a system space including the plurality of menu domains and the another menu domain; ~~each menu domain being constructed from menu information as for the content information,~~

~~—— said second recording process recording another menu domain into said system space, in addition to the plurality of menu domains, the another menu domain being constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium;~~

a reproducing process of said reproducing device reproducing the content domain from said content space and reproducing the plurality of menu domains or the another menu domain from said system space; and

a controlling process of said controlling device controlling said reproducing device ~~process~~ to reproduce the content domain, in accordance with a system parameter externally set by said setting device capable of externally setting the system parameter correspondingly to the reproduced plurality of menu domains or the reproduced another menu domain.

17. (Currently amended) A non-transitory computer-readable recording medium including a computer program for controlling record which controls a computer provided in said information record apparatus according to claim 7 and which

causes the computer to function as at least one portion of said first recording device and said second recording device.

18. (Currently amended) A non-transitory computer-readable recording medium including a computer program for controlling reproduction which controls a computer provided in said information reproduction apparatus according to claim 9 and which causes the computer to function as at least one portion of said reproducing device, said setting device, and said controlling device.

19. (Currently amended) A non-transitory computer-readable recording medium including a computer program for controlling record and reproduction which controls a computer provided in said information record reproduction apparatus according to claim 15 and which causes the computer to function as at least one portion of said first recording device, said second recording device, said reproducing device, said setting device, and said controlling device.

20. (Currently amended) A non-transitory computer-readable recording medium including a data structure including a control signal, comprising:

a content space constructed logically in which a plurality of content domains are recorded ~~and which occupies one~~

~~area in a recording area of said information record medium,~~ each content domain being constructed from a series of content information; and

a system space constructed logically in which a plurality of menu domains corresponding to the plurality of content domains are recorded ~~and which occupies a different area from said content space in the recording area,~~ each menu domain being constructed from menu information as for the content information,

another menu domain being recorded in said system space, in addition to the plurality of menu domains, the another menu domain being constructed from menu information as for whole of the plurality of content domains or as for whole of said information record medium.